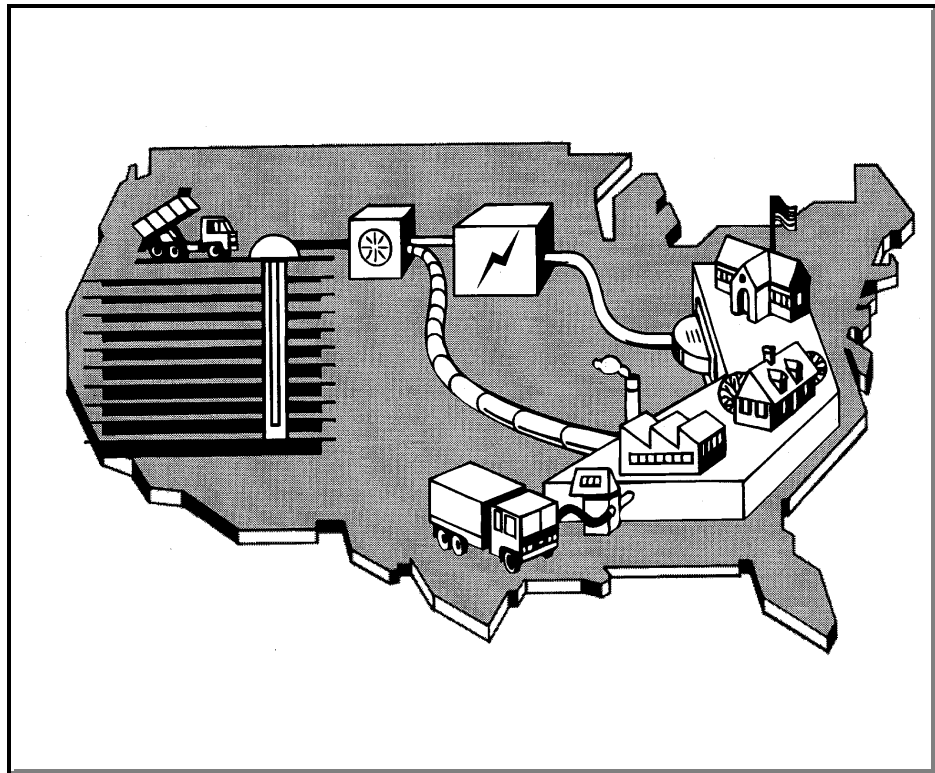




Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of Texas



EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.²

Shutdown:

- Landfill with shutdown LFGTE project.

Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

¹ Current projects illustrate the wide range of successful project development options.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



Exhibit 1: Texas MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	7	66	657	21	121,508	97,131	2,551,674	2,039,747
Candidate	57	259	2,596	83	480,171	6,938	10,083,601	145,696
Other	23	52	517	17	95,656	0	2,008,774	0
Unknown WIP	14							
Total	101	376	3,769	121	697,336	104,069	14,644,050	2,185,443

Exhibit 2: Potential Texas Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	517,765	424,958	285,748	3,273	2,735	0	365,906	300,319	201,938	3,329	1,750	2
Candidate	2,045,803	1,679,103	1,129,052	12,931	10,808	0	1,445,971	1,186,788	798,012	13,157	6,916	7
Other	407,267	334,266	224,765	2,574	2,151	0	288,055	236,422	158,973	2,621	1,378	2
Unknown WIP												
Total	2,970,835	2,438,328	1,639,564	18,778	15,695	0	2,099,931	1,723,528	1,158,924	19,108	10,044	11

Exhibit 3: Index of Landfills in Texas

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	City of Brownwood Landfill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	City of Dallas/McCommas Bluff LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Dallas-Fort Worth LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Elliot LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Garbage Gobbler/Covel Gardens LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	McCarty Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Sunset Farms-Austin LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Abilene Regional LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Amarillo LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Austin Community LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Beaumont LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Beaumont Municipal LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	BFI LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Blue Ridge LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Brazoria County Disposal LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Brazos Valley Swma	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Castle Drive Landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	City of Arlington LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	City of Conroe LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Conroe LF/Western Waste (B)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Denton	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Farmers Branch LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Fort Worth LF/Southeast	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Grand Prairie LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Irving	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Laredo LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	City of Lubbock LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Lubbock LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of McKinney LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Midland LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Nacogdoches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Pampa MSW LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Port Arthur	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Sweetwater LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City Of Victoria	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	City of Waco LF #1 LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	City Of Weatherford LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Clint LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	CNT Regional LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Exhibit 3: Index of Landfills in Texas

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Candidate	Colorado City Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	CSC Disposal LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Fort Worth Regional LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Galveston County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Greenville Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Greenwood Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Johnson County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Laidlaw Environmental SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Mesquite Sanitary Landfill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	North Texas Waste/Maxwell Creek LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Pine Hill LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Royal Oaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Sanifill Of Texas-Baytown LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Skyline LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Southwest LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Sprint Fort Bend County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Sprint LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Tescacita RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Tessman Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Texas Disposal Systems LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Tricil Environmental Response/Altar SL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Whispering Pines LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Wichita Falls SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	WMI/Atascocita LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	WMI/E & D Waste Systems Inc. LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bell County/Sparks LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	BFI/Quail Canyon LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City Of Austin	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City Of Cleburne	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Conroe LF/Western Waste (C)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Conroe LF/Western Waste (D)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Corsicana LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Irving LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Pampa LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City Of Perryton	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	City of Richardson LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Coastal Plains LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Comal County LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Ellis County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Exhibit 3: Index of Landfills in Texas

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Hillside Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lacy-Lakeview LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Laidlaw/Wilmer LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McCombs LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sanifill/Crow LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Waste Management Of Texas, Inc.-g	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Williamson County	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Williamson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	WMI/Cut-N-Shoot/Security LF, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Best Pak Disposal Inc. LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	BFI/Tessman Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Bluebonnet LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	City of Austin (II) LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	City of Austin LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	City of Midland LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	City of Waco LF #2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	City of Wichita Falls LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Galveston LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Green Hill Farms LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Hazelwood Enterprises, Inc. LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Steinar LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Westside Sanitary LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Wichita Falls LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Abilene Regional LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	200,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	15,446,087
City:	Abilene	Acres Currently Landfilled (acres):	368
County:	Jones	Average Depth (feet):	90
State:	TX	1998 Waste-in-Place (tons):	7,020,000
Year Open:	1982	1998 Waste-in-Place (tons):	7,020,000
Year Closed:	2067		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.21	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	7		69
Current Capacity:			
Planned Capacity:			
Utilities in County: Midwest Electric Coop Inc; Stamford Electric Coop Inc; Taylor Electric Coop Inc; West Texas Utilitie			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	12,798		0
CO2 Equivalent of CH4 Reduction (tons/yr):	268,754		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	54,460	344	38,539 351
Fuel Oil:	44,698	288	31,631 184
Natural Gas:	30,056	0	21,269 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bean, Energy Manager	Mark Severtson	
Mailing Address:	757 N. Eldridge P.O. Box 3151	PO Box 3151	
Phone Number:	281-870-7801	972-225-0952	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Amarillo LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Amarillo	Annual Acceptance Rate (tons):	208,566
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Amarillo	Acres Currently Landfilled (acres):	660
County:	Potter	Average Depth (feet):	60
State:	TX	1998 Waste-in-Place (tons):	6,132,600
Year Open:	1976	1998 Waste-in-Place (tons):	6,132,600
Year Closed:	2050		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.99	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		62
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,486		0
CO2 Equivalent of CH4 Reduction (tons/yr):	241,196		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	48,935	309	34,587 315
Fuel Oil:	40,164	259	28,387 165
Natural Gas:	27,007	0	19,088 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Michael D. Kennedy, Director of Public Works	Michael D Kennedy, Director of Public Works	
Mailing Address:	P.O. Box 1971	P.O. Box 1971	
Phone Number:	806-378-3024	806-378-3024	
Fax Number:			

Austin Community LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Texas Waste Systems Incorporated	Annual Acceptance Rate (tons):	425,012
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	7,500,000
City:	Austin	Acres Currently Landfilled (acres):	290
County:	Travis	Average Depth (feet):	80
State:	TX	1998 Waste-in-Place (tons):	8,080,500
Year Open:	1977	1998 Waste-in-Place (tons):	8,080,500
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.48	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	8		78
Current Capacity:			
Planned Capacity:			
Utilities in County: Austin Electric Dept; Bluebonnet Electric Coop Inc; Fayette Electric Coop Inc; Pedernales Electric Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	14,366		0
CO2 Equivalent of CH4 Reduction (tons/yr):	301,686		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	61,564	389	43,261 394
Fuel Oil:	50,529	325	35,507 207
Natural Gas:	33,976	0	23,875 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Rusty Fusilier	
Mailing Address:	1320 Greenway Drive Suite 900	1320 Greenway Drive Suite 900	
Phone Number:	214-550-1774	512-272-6221	
Fax Number:			

BFI LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Pine Street Salvage Company	Annual Acceptance Rate (tons):	186,472	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Abilene	Acres Currently Landfilled (acres):		
County:	Taylor	Average Depth (feet):		
State:	TX	Waste-in-Place (tons):	745,888	
Year Open:	1993	1998 Waste-in-Place (tons):	1,118,832	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.70		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		22	
Current Capacity:				
Planned Capacity:				
Utilities in County: Taylor Electric Coop Inc; West Texas Utilities Company; Western Area Power Admin				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,071		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	85,495		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	17,364	110	12,260	112
Fuel Oil:	14,252	92	10,062	59
Natural Gas:	9,583	0	6,766	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:				
Mailing Address:	3833 Pine Street P.O. Box 3543		3833 Pine Street P.O. Box 3543	
Phone Number:			915-677-8831	
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

4



Beaumont LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	319,746
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Beaumont	Acres Currently Landfilled (acres):	235
County:	Jefferson	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	1,123,882
Year Open:	1991	1998 Waste-in-Place (tons):	1,123,882
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.71	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,079		0
CO2 Equivalent of CH4 Reduction (tons/yr):	85,651		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	17,364	110	12,282 112
Fuel Oil:	14,252	92	10,081 59
Natural Gas:	9,583	0	6,778 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Dennis Bollinger, Energy Manager	Rick Coon	
Mailing Address:	757 N. Eldridge P.O. Box 3151	6433 Labelle Road	
Phone Number:	281-870-7801	713-675-6101	
Fax Number:			

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Jefferson County	Annual Acceptance Rate (tons):	123,634
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	City of Beaumont LF	Design Capacity (tons):	
City:	Beaumont	Acres Currently Landfilled (acres):	
County:	Jefferson	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	2,251,245
Year Open:	1981	1998 Waste-in-Place (tons):	2,251,245
Year Closed:	2041		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.99
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Unknown	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		31
Current Capacity:			
Planned Capacity:			

Utilities in County: Gulf States Utilities Company; Southwestern Power Admin

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	5,746	0
CO2 Equivalent of CH4 Reduction (tons/yr):	120,662	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	24,468 155	17,303 157
Fuel Oil:	20,082 129	14,201 83
Natural Gas:	13,503 0	9,549 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	John Labrie	John R Labrie
Mailing Address:	P.O. Box 3827 City Hall	P.O. Box 3827 City Hall
Phone Number:	409-880-3795	409-842-1483
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

6



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	BFI	Annual Acceptance Rate (tons):	837,778
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Houston	Acres Currently Landfilled (acres):	330
County:	Fort Bend	Average Depth (feet):	36
State:	TX	1998 Waste-in-Place (tons):	1,910,676
Year Open:	1993	1998 Waste-in-Place (tons):	1,910,676
Year Closed:	2025		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.91
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	5,242	0
CO2 Equivalent of CH4 Reduction (tons/yr):	110,084	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100 140	15,786 144
Fuel Oil:	18,139 117	12,956 76
Natural Gas:	12,197 0	8,712 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	John Bean	Richard Coon
Mailing Address:	757 N. Eldridge PO Box 3151	
Phone Number:	281-870-7450	281-835-6142
Fax Number:		

* Italicized indicates values estimated by EPA.

December 5, 1998

State: TX

Page:

7



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	USA Waste Services Inc	Annual Acceptance Rate (tons):	100,100
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Angleton	Acres Currently Landfilled (acres):	
County:	Brazoria	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	3,919,000
Year Open:	1993	1998 Waste-in-Place (tons):	3,919,000
Year Closed:	2050		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.42
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		44
Current Capacity:			
Planned Capacity:			

Utilities in County: Houston Lighting & Power Co; Jackson Electric Coop Inc; Southwestern Power Admin; Texas-New M

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	8,212	0
CO2 Equivalent of CH4 Reduction (tons/yr):	172,452	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	34,728 220	24,729 225
Fuel Oil:	28,503 184	20,297 118
Natural Gas:	19,166 0	13,648 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Tammy Countryman	Mike Derdeyn
Mailing Address:	13430 NW Freeway	10013 Koenig Street Suite 4000
Phone Number:	713-922-0012	409-265-2252
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

8



Brazos Valley Swma		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Brazos Valley SWMA	Annual Acceptance Rate (tons):	178,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Brian & College Station	Acres Currently Landfilled (acres):	70
County:	Brazos	Average Depth (feet):	30
State:	TX	1998 Waste-in-Place (tons):	1,980,000
Year Open:	1981	1998 Waste-in-Place (tons):	1,980,000
Year Closed:	2005		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.92	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	College Station Municipal Electric		
Natural Gas Provider(s):			
Energy Purchaser(s):	College Station Municipal Electric		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,345		0
CO2 Equivalent of CH4 Reduction (tons/yr):	112,237		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,889	145	16,095 146
Fuel Oil:	18,786	121	13,210 77
Natural Gas:	12,632	0	8,882 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Bill Angelo	Bill Angelo	
Mailing Address:	PO Box 9960 College Station, TX 77842	PO Box 9960	
Phone Number:	409-764-3806	409-764-3806	
Fax Number:			

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	R.E. Wolfe Enterprises	Annual Acceptance Rate (tons):	170,791
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	R.E. Wolfe	Design Capacity (tons):	
City:	Linn	Acres Currently Landfilled (acres):	94
County:	Hidalgo	Average Depth (feet):	25
State:	TX	1998 Waste-in-Place (tons):	2,519,400
Year Open:	1976	1998 Waste-in-Place (tons):	2,519,400
Year Closed:	2004		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.06
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Unknown	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		
Current Capacity:			
Planned Capacity:			

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	6,142	0
CO2 Equivalent of CH4 Reduction (tons/yr):	128,988	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	26,046 165	18,497 168
Fuel Oil:	21,378 138	15,181 89
Natural Gas:	14,375 0	10,208 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Bobby Vickery, Environmental Manager	Santiago Morado, Site Manager
Mailing Address:	PO Box 236	PO Box 316
Phone Number:	800-256-9278	956-383-7398
Fax Number:		

* Italicized indicates values estimated by EPA.

December 5, 1998

State: TX

Page:

10



CSC Disposal LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	CSC Disposal & Landfill Inc.	Annual Acceptance Rate (tons):	87,944
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Avalon	Acres Currently Landfilled (acres):	
County:	Ellis	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	4,254,250
Year Open:	1985	1998 Waste-in-Place (tons):	3,503,500
Year Closed:	2047		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.31	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		41
Current Capacity:			
Planned Capacity:			
Utilities in County: Hill County Electric Coop; Johnson County Elec Coop Assn; Navarro County Elec Coop Inc; Southwe			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,598		0
CO2 Equivalent of CH4 Reduction (tons/yr):	159,550		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	32,360	205	22,879 208
Fuel Oil:	26,560	171	18,778 109
Natural Gas:	17,859	0	12,627 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Raymond McGraw	Raymond McGraw	
Mailing Address:	P.O. Box 236	P.O. Box 236	
Phone Number:	972-627-3413	800-256-9278	
Fax Number:			

* Italicized indicates values estimated by EPA.



Castle Drive Landfill			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Garland	Annual Acceptance Rate (tons):	300,000	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:	Garland Landfill	Design Capacity (tons):		
City:	Garland	Acres Currently Landfilled (acres):	153	
County:	Dallas	Average Depth (feet):	50	
State:	TX	1998 Waste-in-Place (tons):	3,858,050	
Year Open:	1978	1998 Waste-in-Place (tons):	3,858,050	
Year Closed:	2002			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.40		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Planned			
Utilization System Type:	Medium Btu			
Utilization System Start Year:	1998			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	City of Garland WWTP			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		44	
Current Capacity:				
Planned Capacity:				
Utilities in County: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	8,122		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	170,560		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	34,728	220	24,458	223
Fuel Oil:	28,503	184	20,074	117
Natural Gas:	19,166	0	13,498	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Brian Williams	Brian Williams		
Mailing Address:	3637 Castle Drive P.O. Box 469002	3637 Castle Drive PO Box 469002		
Phone Number:	972-205-2000	972-496-1636		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



City Of Denton		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Denton	Annual Acceptance Rate (tons):	103,016
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Denton	Acres Currently Landfilled (acres):	152
County:	Denton	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	2,000,000
Year Open:	1985	1998 Waste-in-Place (tons):	2,000,000
Year Closed:	2024		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.93	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	City of Denton grid		
Natural Gas Provider(s):			
Energy Purchaser(s):	United Copper, WWTP, Peterbuilt, Internati		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			
Utilities in County: Cooke County Elec Coop Assn; Denton County Elec Coop Inc; Denton Mun Utilities; Sanger Electric			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,374		0
CO2 Equivalent of CH4 Reduction (tons/yr):	112,858		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,889	145	16,184 147
Fuel Oil:	18,786	121	13,283 77
Natural Gas:	12,632	0	8,932 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Charles Watkins, Director of Solid Waste	Mike Fogel, Inspector	
Mailing Address:	901A Texas St.	5166 Foster Road	
Phone Number:		940-349-7512	
Fax Number:			

* Italicized indicates values estimated by EPA.



City Of Irving		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Irving	Annual Acceptance Rate (tons):	75,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Irving	Acres Currently Landfilled (acres):	150
County:	Dallas	Average Depth (feet):	80
State:	TX	1998 Waste-in-Place (tons):	1,800,000
Year Open:	1981	1998 Waste-in-Place (tons):	1,800,000
Year Closed:	2051		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.88	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Texas Utilities		
Natural Gas Provider(s):	Lone Star Gas		
Energy Purchaser(s):	Trinity River Authority WWTP Gas Burner		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		27
Current Capacity:			
Planned Capacity:			
Utilities in County: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,079		0
CO2 Equivalent of CH4 Reduction (tons/yr):	106,649		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	21,311	135	15,293 139
Fuel Oil:	17,491	113	12,552 73
Natural Gas:	11,761	0	8,440 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Mary Nix	Mary Nix	
Mailing Address:	PO Box 152288	PO Box 152288	
Phone Number:	972-721-2346	972-721-2346	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City Of Lubbock LF		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Lubbock	Annual Acceptance Rate (tons):	323,488
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lubbock	Acres Currently Landfilled (acres):	360
County:	Lubbock	Average Depth (feet):	60
State:	TX	1998 Waste-in-Place (tons):	1,629,232
Year Open:	1970	1998 Waste-in-Place (tons):	1,629,232
Year Closed:	2000		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.83	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Lubbock Power & Light		
Natural Gas Provider(s):			
Energy Purchaser(s):	Lubbock Power & Light		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,826		0
CO2 Equivalent of CH4 Reduction (tons/yr):	101,344		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,533 132
Fuel Oil:	16,843	108	11,928 70
Natural Gas:	11,325	0	8,020 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Cobb	Christy Mitchel	
Mailing Address:	P.O. 2000	P.O. Box 2000	
Phone Number:	806-767-2499	806-767-2499	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City Of Midland LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Midland	Annual Acceptance Rate (tons):	107,800
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Midland	Acres Currently Landfilled (acres):	412
County:	Midland	Average Depth (feet):	35
State:	TX	1998 Waste-in-Place (tons):	2,620,672
Year Open:	1984	1998 Waste-in-Place (tons):	2,620,672
Year Closed:	2058		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.09	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	T.U. & CapRock Electric		
Natural Gas Provider(s):	Energas		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		34
Current Capacity:			
Planned Capacity:			
Utilities in County: Cap Rock Electric Coop Inc; Texas Utilities Electric Co; Western Area Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,292		0
CO2 Equivalent of CH4 Reduction (tons/yr):	132,134		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	26,835	170	18,948 172
Fuel Oil:	22,025	142	15,551 91
Natural Gas:	14,810	0	10,457 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Ken Jones	Kay Sneider	
Mailing Address:	P.O. Box 1152	P.O. Box 1152	
Phone Number:	915-685-7262	915-685-7262	
Fax Number:			

City Of Nacogdoches			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Nacogdoches	Annual Acceptance Rate (tons):	35,880	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Nacogdoches	Acres Currently Landfilled (acres):	322	
County:	Nacogdoches	Average Depth (feet):	20	
State:	TX	1998 Waste-in-Place (tons):	1,064,534	
Year Open:	1977	1998 Waste-in-Place (tons):	1,064,534	
Year Closed:	2033			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.69		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	Texas Utilities			
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		22	
Current Capacity:				
Planned Capacity:				
Utilities in County:				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	3,991		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	83,809		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	17,364	110	12,018	109
Fuel Oil:	14,252	92	9,864	58
Natural Gas:	9,583	0	6,633	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	John Phillips	Wayne Shepherd		
Mailing Address:	PO Box 630648	PO Box 630648		
Phone Number:	409-564-4693	409-564-4693		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



City Of Pampa MSW LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Pampa	Annual Acceptance Rate (tons):	0	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Pampa	Acres Currently Landfilled (acres):	7	
County:	Gray	Average Depth (feet):	70	
State:	TX	1998 Waste-in-Place (tons):	1,157,820	
Year Open:	1976	1998 Waste-in-Place (tons):	1,157,820	
Year Closed:	1998			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.71		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:		Unknown		
Utilization System Type:		Unknown		
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		22	
Current Capacity:				
Planned Capacity:				
Utilities in County:				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,129		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	86,705		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	17,364	110	12,433	113
Fuel Oil:	14,252	92	10,205	60
Natural Gas:	9,583	0	6,862	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Richard Stone	Jim Benton		
Mailing Address:	P.O. Box 2479	P.O. Box 2479		
Phone Number:	806-669-5840	806-669-5840		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

18



City Of Port Arthur		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Port Arthur	Annual Acceptance Rate (tons):	68,715
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Port Arthur	Acres Currently Landfilled (acres):	120
County:	Jefferson	Average Depth (feet):	3
State:	TX	1998 Waste-in-Place (tons):	1,516,481
Year Open:	1988	1998 Waste-in-Place (tons):	1,516,481
Year Closed:	2038		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.81	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Entergy		
Natural Gas Provider(s):	Southern Union Gas		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,659		0
CO2 Equivalent of CH4 Reduction (tons/yr):	97,843		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	19,732	125	14,031 128
Fuel Oil:	16,195	104	11,516 67
Natural Gas:	10,890	0	7,743 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Gerald Robinson, Superintendant of Solid Waste	Ken Sherman, Landfill Manager	
Mailing Address:	PO Box 1089	PO Box 1089	
Phone Number:	409-983-8518	409-983-8518	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City Of Sweetwater LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Sweetwater	Annual Acceptance Rate (tons):	4,210
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Sweetwater	Acres Currently Landfilled (acres):	135
County:	Nolan	Average Depth (feet):	50
State:	TX	1998 Waste-in-Place (tons):	1,262,948
Year Open:	1976	1998 Waste-in-Place (tons):	1,262,948
Year Closed:	2040		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.74	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,284		0
CO2 Equivalent of CH4 Reduction (tons/yr):	89,970		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	12,902 117
Fuel Oil:	14,899	96	10,589 62
Natural Gas:	10,019	0	7,120 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Paul McCarthy	Paul McCarthy	
Mailing Address:	PO Box 450	PO Box 450	
Phone Number:	915-236-6313	915-236-6313	
Fax Number:			

* Italicized indicates values estimated by EPA.

City Of Victoria		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Victoria	Annual Acceptance Rate (tons):	118,335
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Bloomington	Acres Currently Landfilled (acres):	160
County:	Victoria	Average Depth (feet):	32
State:	TX	1998 Waste-in-Place (tons):	14,854,379
Year Open:	1982	1998 Waste-in-Place (tons):	14,854,379
Year Closed:	2040		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		4.22	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Central SW & Virtoria Elec. Coop		
Natural Gas Provider(s):	Entec		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	13		132
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	24,383		0
CO2 Equivalent of CH4 Reduction (tons/yr):	512,047		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	104,184	659	73,427 668
Fuel Oil:	85,510	550	60,265 351
Natural Gas:	57,498	0	40,523 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Johnston	Kirk Burton	
Mailing Address:	P.O. Box 1758		
Phone Number:	512-572-2722	210-661-4104	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

21



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Weatherford	Annual Acceptance Rate (tons):	10,039
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Weatherford	Acres Currently Landfilled (acres):	56
County:	Parker	Average Depth (feet):	25
State:	TX	1998 Waste-in-Place (tons):	1,016,400
Year Open:	1976	1998 Waste-in-Place (tons):	1,016,400
Year Closed:	2060		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.68
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:	
Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	
Capacity:	Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2
Current Capacity:	21
Planned Capacity:	

Utilities in County: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	3,920	0
CO2 Equivalent of CH4 Reduction (tons/yr):	82,314	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	16,575 105	11,804 107
Fuel Oil:	13,604 88	9,688 57
Natural Gas:	9,147 0	6,514 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	David Mask	James Dickerson
Mailing Address:	P.O. Box 255	P.O. Box 255
Phone Number:	817-598-4250	817-598-4250
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

22



City of Arlington LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Arlington	Annual Acceptance Rate (tons):	340,786
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	8,000,000
City:	Arlington	Acres Currently Landfilled (acres):	
County:	Tarrant	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	8,476,800
Year Open:	1978	1998 Waste-in-Place (tons):	8,476,800
Year Closed:	2008		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.59	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Municipal WWTP		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	8		81
Current Capacity:			
Planned Capacity:			
Utilities in County: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	14,952		0
CO2 Equivalent of CH4 Reduction (tons/yr):	313,994		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	63,931	404	45,026 410
Fuel Oil:	52,472	338	36,955 215
Natural Gas:	35,283	0	24,849 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Robert Bird	Robert S Byrd	
Mailing Address:	P.O. Box 231	800 Mosher Valley Road PO Box 231	
Phone Number:	817-275-3271	817-459-6767	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City of Brownwood Landfill		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Brownwood	Annual Acceptance Rate (tons):	94,094
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Brownwood	Acres Currently Landfilled (acres):	184
County:	Brown	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	
Year Open:	1996	1998 Waste-in-Place (tons):	
Year Closed:	2040		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):			
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG: No			
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Leachate Evaporation		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:			
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	Potential		Current
Methane Reduction (tons/yr):			
CO2 Equivalent of CH4 Reduction (tons/yr):			
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project	
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)	
Coal:			
Fuel Oil:			
Natural Gas:			
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Don Carmack	Don Carmack	
Mailing Address:	P.O. Box 1389	P.O. Box 1389	
Phone Number:	915-646-5775	915-646-5775	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

24



City of Conroe LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	USA Waste Services Inc	Annual Acceptance Rate (tons):	288,000	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):	4,000,000	
City:	Conroe	Acres Currently Landfilled (acres):		
County:	Montgomery	Average Depth (feet):		
State:	TX	Waste-in-Place (tons):	3,146,000	
Year Open:	1975	1998 Waste-in-Place (tons):	3,432,000	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.30		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		41	
Current Capacity:				
Planned Capacity:				
Utilities in County: Gulf States Utilities Company; Houston Lighting & Power Co; Mid-South Electric Coop Assn; Sam H				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	7,492		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	157,328		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	31,571	200	22,561	205
Fuel Oil:	25,912	167	18,517	108
Natural Gas:	17,424	0	12,451	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Diana Henk	John Carrington		
Mailing Address:	100 Genoa Red Bluff	P.O. Box 3066		
Phone Number:	281-922-0012	409-544-9007		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

25



City of Conroe LF/Western Waste (B)		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Conroe	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Conroe	Acres Currently Landfilled (acres):	
County:	Montgomery	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	1,859,000
Year Open:	1983	1998 Waste-in-Place (tons):	2,002,000
Year Closed:	1996		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.93	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			
Utilities in County: Gulf States Utilities Company; Houston Lighting & Power Co; Mid-South Electric Coop Assn; Sam H			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,377		0
CO2 Equivalent of CH4 Reduction (tons/yr):	112,921		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,889	145	16,193 147
Fuel Oil:	18,786	121	13,290 77
Natural Gas:	12,632	0	8,937 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Diana Henk	Diana Henk	
Mailing Address:	3520 Pansy	3623 Wilson Rd.	
Phone Number:	713-487-5000	713-487-5000	
Fax Number:			

* Italicized indicates values estimated by EPA.



City of Dallas/McCommas Bluff LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Dallas	Annual Acceptance Rate (tons):	855,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	McCommas Bluff LF	Design Capacity (tons):	
City:	Dallas	Acres Currently Landfilled (acres):	964
County:	Dallas	Average Depth (feet):	140
State:	TX	1998 Waste-in-Place (tons):	20,000,000
Year Open:	1980	1998 Waste-in-Place (tons):	20,000,000
Year Closed:	2053		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	5.53		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	6.0		
Collection and Treatment System Required Under NSPS/EG:	Yes		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	High Btu		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	17		173
Current Capacity:			
Planned Capacity:			125
Utilities in County:	Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	31,993		23,126
CO2 Equivalent of CH4 Reduction (tons/yr):	671,843		485,654
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	136,545	863	96,341 877
Fuel Oil:	112,070	721	79,072 461
Natural Gas:	75,357	0	53,169 1
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Roj Gunter, Solid Waste Engineer	Roj Gunter	
Mailing Address:	2721 Municipal Street	3112 Canton Street	
Phone Number:	214-670-4954	214-670-3792	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City of Farmers Branch LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Farmers Branch	Annual Acceptance Rate (tons):	326,531	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:	BFI/Camelot LF	Design Capacity (tons):	4,956,360	
City:	Hebron	Acres Currently Landfilled (acres):		
County:	Denton	Average Depth (feet):		
State:	TX	1998 Waste-in-Place (tons):	4,381,844	
Year Open:	1981	1998 Waste-in-Place (tons):	4,381,844	
Year Closed:	2041			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.54		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		48	
Current Capacity:				
Planned Capacity:				
Utilities in County: Cooke County Elec Coop Assn; Denton County Elec Coop Inc; Denton Mun Utilities; Sanger Electric				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	8,897		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	186,827		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	37,885	240	26,791	244
Fuel Oil:	31,095	200	21,988	128
Natural Gas:	20,908	0	14,785	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Pete Pistole	Pete Pistole		
Mailing Address:	P.O. Box 819010	P.O. Box 819010		
Phone Number:	214-919-2616	972-919-2616		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



City of Fort Worth LF/Southeast			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Fort Worth	Annual Acceptance Rate (tons):	79,768	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Fort Worth	Acres Currently Landfilled (acres):		
County:	Tarrant	Average Depth (feet):		
State:	TX	1998 Waste-in-Place (tons):	4,996,994	
Year Open:	1976	1998 Waste-in-Place (tons):	4,996,994	
Year Closed:	2016			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.70		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		53	
Current Capacity:				
Planned Capacity:				
Utilities in County: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,806		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	205,928		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,832	264	29,530	269
Fuel Oil:	34,334	221	24,237	141
Natural Gas:	23,086	0	16,297	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Robert Martin	Ron E Stults		
Mailing Address:	4100 Columbus Trail	6900 Dick Price Road		
Phone Number:	870-478-6300	817-871-5150		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

29



City of Grand Prairie LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Grand Prairie	Annual Acceptance Rate (tons):	138,244
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Myers Road Landfill	Design Capacity (tons):	
City:	Grand Prairie	Acres Currently Landfilled (acres):	
County:	Dallas	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	4,106,603
Year Open:	1977	1998 Waste-in-Place (tons):	4,106,603
Year Closed:	2021		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.47	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		46
Current Capacity:			
Planned Capacity:			
Utilities in County: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,489		0
CO2 Equivalent of CH4 Reduction (tons/yr):	178,277		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	36,307	230	25,565 233
Fuel Oil:	29,799	192	20,982 122
Natural Gas:	20,037	0	14,109 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Don Prince	Kristina Velasquez	
Mailing Address:	P.O. Box 530011	P.O. Box 530011	
Phone Number:	972-264-6240	972-237-8147	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City of Laredo LF		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Laredo	Annual Acceptance Rate (tons):	255,572
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Laredo	Acres Currently Landfilled (acres):	
County:	Webb	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	2,787,537
Year Open:	1986	1998 Waste-in-Place (tons):	2,787,537
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.13	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	City of Laredo		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		35
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Medina Electric Coop Inc; Rio Grande Electric Coop Inc; Western			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,539		0
CO2 Equivalent of CH4 Reduction (tons/yr):	137,315		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	27,625	175	19,691 179
Fuel Oil:	22,673	146	16,161 94
Natural Gas:	15,246	0	10,867 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John G. Hurd	Jose M Guerra	
Mailing Address:	1500 National Bank of Commerce	P.O. Box 579	
Phone Number:		956-795-2500	
Fax Number:			

* Italicized indicates values estimated by EPA.



City of Lubbock LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Lubbock	Annual Acceptance Rate (tons):	157,300
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lubbock	Acres Currently Landfilled (acres):	
County:	Lubbock	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	943,800
Year Open:	1991	1998 Waste-in-Place (tons):	1,258,400
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.74	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			
Utilities in County: Lubbock Power & Light Dept; Lyntegar Electric Coop Inc; South Plains Electric Coop Inc; Southwest			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,278		0
CO2 Equivalent of CH4 Reduction (tons/yr):	89,828		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	12,881 117
Fuel Oil:	14,899	96	10,572 62
Natural Gas:	10,019	0	7,109 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:			
Mailing Address:	P.O. Box 2000	P.O. Box 2000	
Phone Number:		806-762-6411	
Fax Number:			

* Italicized indicates values estimated by EPA.



City of McKinney LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of McKinney	Annual Acceptance Rate (tons):	416,684
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Mckinney	Acres Currently Landfilled (acres):	
County:	Collin	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	1,626,644
Year Open:	1980	1998 Waste-in-Place (tons):	1,626,644
Year Closed:	2005		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.83	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County: Cap Rock Electric Coop Inc; Denton County Elec Coop Inc; Fannin County Electric Coop; Farmersvil			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,822		0
CO2 Equivalent of CH4 Reduction (tons/yr):	101,264		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,521 132
Fuel Oil:	16,843	108	11,918 70
Natural Gas:	11,325	0	8,014 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Don Pasco	David H Canup	
Mailing Address:	P.O. Box 517	PO Drawer C	
Phone Number:	972-542-2675	214-442-5405	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



City of Waco LF #1 LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Waco	Annual Acceptance Rate (tons):	163,735
Landfill Owner Type:	1	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Woodway	Acres Currently Landfilled (acres):	
County:	McLennan	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	
Year Open:	1987	1998 Waste-in-Place (tons):	1,887,600
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.90	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1999		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Lehigh Cement		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Hill County Electric Coop; McLennan County Elec Coop Inc; Navasota Valley Elec Coop Inc; Southw			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,208		0
CO2 Equivalent of CH4 Reduction (tons/yr):	109,368		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100	140	15,683 143
Fuel Oil:	18,139	117	12,872 75
Natural Gas:	12,197	0	8,655 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Jim Blume	
Mailing Address:	P.O. Box 2570	P.O. Box 2570	
Phone Number:		817-751-8580	
Fax Number:			

* Italicized indicates values estimated by EPA.



Clint LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of El Paso	Annual Acceptance Rate (tons):	124,629
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Clint	Acres Currently Landfilled (acres):	76
County:	El Paso	Average Depth (feet):	38
State:	TX	1998 Waste-in-Place (tons):	4,185,278
Year Open:	1983	1998 Waste-in-Place (tons):	4,185,278
Year Closed:	2006		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.49	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		47
Current Capacity:			
Planned Capacity:			
Utilities in County: El Paso Electric Co.; El Paso Electric Company; Rio Grande Electric Coop Inc; Western Area Power			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,606		0
CO2 Equivalent of CH4 Reduction (tons/yr):	180,722		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	37,096	235	25,915 236
Fuel Oil:	30,447	196	21,270 124
Natural Gas:	20,473	0	14,302 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Manuel Rodriguez	Blanca Vasquez	
Mailing Address:	7967 San Paulo Drive	7967 San Paulo Drive	
Phone Number:	915-594-8625	915-621-6724	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Colorado City Landfill		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Colorado	Annual Acceptance Rate (tons):	5,715
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Colorado City	Acres Currently Landfilled (acres):	35
County:	Mitchell	Average Depth (feet):	35
State:	TX	1998 Waste-in-Place (tons):	1,528,956
Year Open:	1975	1998 Waste-in-Place (tons):	1,528,956
Year Closed:	2020		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.81	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Texas Utilities		
Natural Gas Provider(s):	Lonestar Gas		
Energy Purchaser(s):	Texas Utilities, Lone Star Gas		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,678		0
CO2 Equivalent of CH4 Reduction (tons/yr):	98,230		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	19,732	125	14,086 128
Fuel Oil:	16,195	104	11,561 67
Natural Gas:	10,890	0	7,774 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Stephen Shutt	Stephen Shutt	
Mailing Address:	P.O. Box 912	P.O. Box 912	
Phone Number:	915-728-3464	915-728-3464	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Dallas-Fort Worth LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Waste Management, Inc.	Annual Acceptance Rate (tons):	939,956
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lewisville	Acres Currently Landfilled (acres):	329
County:	Denton	Average Depth (feet):	60
State:	TX	1998 Waste-in-Place (tons):	11,563,446
Year Open:	1980	1998 Waste-in-Place (tons):	11,563,446
Year Closed:	2025		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	3.38		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	2.1		
Collection and Treatment System Required Under NSPS/EG:	Yes		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1992		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Texas Utilities Electric Co		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	11		106
Current Capacity:	6.4		44
Planned Capacity:			
Utilities in County:	Cooke County Elec Coop Assn; Denton County Elec Coop Inc; Denton Mun Utilities; FEC Electric C		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	19,517		8,094
CO2 Equivalent of CH4 Reduction (tons/yr):	409,849		169,978
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	82,874	524	58,772 535
Fuel Oil:	68,019	438	48,237 281
Natural Gas:	45,737	0	32,435 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bernat	Daryl Bennet	
Mailing Address:	1600 Waste Management Blvd.		
Phone Number:	214-315-5451	214-315-5421	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Elliot LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Corpus Christi	Annual Acceptance Rate (tons):	423,948
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Corpus Christi	Acres Currently Landfilled (acres):	
County:	Nueces	Average Depth (feet):	65
State:	TX	1998 Waste-in-Place (tons):	5,306,400
Year Open:	1972	1998 Waste-in-Place (tons):	5,306,400
Year Closed:	2000		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.78		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):	4.1		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	City of Corpus Christi - Greenwood WWTP		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		56
Current Capacity:	6.0		85
Planned Capacity:			
Utilities in County:	Central Power & Light Company; Nueces Electric Coop Inc; Robstown Utility System; San Patricio E		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	10,264		15,803
CO2 Equivalent of CH4 Reduction (tons/yr):	215,538		331,863
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	43,410	274	30,908 281
Fuel Oil:	35,629	229	25,368 148
Natural Gas:	23,958	0	17,058 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Joe West, Solid Waste Planner	Merlin C Long, Joe West	
Mailing Address:	P.O. Box 9277	P.O. Box 9277	
Phone Number:	512-880-3000	512-857-1633	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Fort Worth Regional LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Waste Management Inc	Annual Acceptance Rate (tons):	607,750	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994	
Alternative Landfill Name:	Fort Worth/Westside LF	Design Capacity (tons):		
City:	Fort Worth	Acres Currently Landfilled (acres):		
County:	Parker	Average Depth (feet):		
State:	TX	Waste-in-Place (tons):	1,823,250	
Year Open:	1994	1998 Waste-in-Place (tons):	3,038,750	
Year Closed:	2007			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.20		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		37	
Current Capacity:				
Planned Capacity:				
Utilities in County: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	6,910		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	145,116		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	29,203	185	20,810	189
Fuel Oil:	23,969	154	17,080	100
Natural Gas:	16,117	0	11,485	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Lynn Lantrip	Gary Hicks		
Mailing Address:	1320 Greenway Drive Suite 900	3500 Linkcrest Drive		
Phone Number:	972-319-3900	940-244-3500		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Galveston County LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	575,626	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Galveston	Acres Currently Landfilled (acres):	287	
County:	Galveston	Average Depth (feet):	66	
State:	TX	1998 Waste-in-Place (tons):	6,618,319	
Year Open:	1973	1998 Waste-in-Place (tons):	6,618,319	
Year Closed:	2025			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		2.11		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:		Unknown		
Utilization System Type:		Unknown		
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	7		66	
Current Capacity:				
Planned Capacity:				
Utilities in County: Gulf States Utilities Company; Houston Lighting & Power Co; Southwestern Power Admin; Texas-N				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	12,204		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	256,278		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	52,092	329	36,750	334
Fuel Oil:	42,755	275	30,163	176
Natural Gas:	28,749	0	20,282	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	John Bean	Richard Coon		
Mailing Address:	757 N. Eldridge PO Box 3151			
Phone Number:	281-870-7450	713-675-6101		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Garbage Gobbler/Covel Gardens LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Waste Management, Inc.	Annual Acceptance Rate (tons):	983,834
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Nelson Gardens LF	Design Capacity (tons):	
City:	San Antonio	Acres Currently Landfilled (acres):	244
County:	Bexar	Average Depth (feet):	100
State:	TX	1998 Waste-in-Place (tons):	3,728,209
Year Open:	1991	1998 Waste-in-Place (tons):	3,728,209
Year Closed:	2004		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.37		
LFG Collection System Status:	Planned		
Current LFG Collected (mmscf/d):	5.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	High Btu		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Standard Industries and/or City Public Service		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		43
Current Capacity:			
Planned Capacity:			104
Utilities in County:	Bandera Electric Coop Inc; Karnes Electric Coop Inc; Nueces Electric Coop Inc; San Antonio City Pu		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,930		19,272
CO2 Equivalent of CH4 Reduction (tons/yr):	166,528		404,712
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	33,939	215	23,880 217
Fuel Oil:	27,856	179	19,599 114
Natural Gas:	18,730	0	13,179 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Wendy Petty	Lawrence R Cohn	
Mailing Address:	1320 Greenway Drive Suite 1000 WMI South-Irving S	602 Leal Street PO Box 7778	
Phone Number:	972-550-1774	210-623-8800	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

41



Greenville Landfill		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	74,937
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Kingston	Acres Currently Landfilled (acres):	
County:	Hunt	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	1,479,894
Year Open:	1984	1998 Waste-in-Place (tons):	1,479,894
Year Closed:	1998		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.80	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,605		0
CO2 Equivalent of CH4 Reduction (tons/yr):	96,707		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	19,732	125	13,868 126
Fuel Oil:	16,195	104	11,382 66
Natural Gas:	10,890	0	7,653 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Site Manager	
Mailing Address:			
Phone Number:		903-568-4100	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Greenwood Farms			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Tyler	Annual Acceptance Rate (tons):	231,169	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Tyler	Acres Currently Landfilled (acres):	201	
County:	Smith	Average Depth (feet):	70	
State:	TX	1998 Waste-in-Place (tons):	2,247,294	
Year Open:	1988	1998 Waste-in-Place (tons):	2,247,294	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.99		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		31	
Current Capacity:				
Planned Capacity:				
Utilities in County: Cherokee County Elec Coop Assn; Sam Houston Electric Coop Inc; Southwestern Electric Serv Co; S				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,740		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	120,538		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,285	157
Fuel Oil:	20,082	129	14,187	83
Natural Gas:	13,503	0	9,539	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Dan Brotton	Victor Cain		
Mailing Address:	P.O. Box 2039	PO Box 130702		
Phone Number:		903-566-5007		
Fax Number:				

* Italicized indicates values estimated by EPA.



Johnson County SLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Allied Waste Industries, Inc.	Annual Acceptance Rate (tons):	255,712	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Alvarado	Acres Currently Landfilled (acres):		
County:	Johnson	Average Depth (feet):		
State:	TX	1998 Waste-in-Place (tons):	2,324,631	
Year Open:	1983	1998 Waste-in-Place (tons):	2,324,631	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.01		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		32	
Current Capacity:				
Planned Capacity:				
Utilities in County: Bartlett Electric Coop Inc; Bluebonnet Electric Coop Inc; Hill County Electric Coop; Johnson County				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,854		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	122,940		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	25,257	160	17,629	160
Fuel Oil:	20,730	133	14,469	84
Natural Gas:	13,939	0	9,729	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	John Peterson	Kim A Mote		
Mailing Address:	9100 South I-35 West	9100 South I-35 West		
Phone Number:	817-783-5124	817-790-2912		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	1,001,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Columbus	Acres Currently Landfilled (acres):	
County:	Colorado	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	9,009,000
Year Open:	1988	1998 Waste-in-Place (tons):	10,010,000
Year Closed:	1997		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.98
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Unknown	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:		Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>		9	
Current Capacity:			
Planned Capacity:			

Utilities in County: Bluebonnet Electric Coop Inc; Central Power & Light Company; Fayette Electric Coop Inc; Houston L

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	17,219		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	361,605		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	73,403	464	51,854	472
<i>Fuel Oil:</i>	60,246	388	42,559	248
<i>Natural Gas:</i>	40,510	0	28,617	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	Alice S. Obenhaus	
Mailing Address:	1603 Milam Road	P.O. Box 19529
Phone Number:		713-467-3433
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

45



McCarty Road LF		Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	1,575,511
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	BFI	Design Capacity (tons):	
City:	Houston	Acres Currently Landfilled (acres):	294
County:	Harris	Average Depth (feet):	130
State:	TX	1998 Waste-in-Place (tons):	28,918,718
Year Open:	1977	1998 Waste-in-Place (tons):	28,918,718
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		7.81	
LFG Collection System Status:		Operational	
Current LFG Collected (mmscf/d):		8.0	
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	High Btu		
Utilization System Start Year:	1986		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	24		244
Current Capacity:	4.0		167
Planned Capacity:			
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	45,181		30,835
CO2 Equivalent of CH4 Reduction (tons/yr):	948,809		647,539
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	192,583	1,217	136,058 1,238
Fuel Oil:	158,064	1,017	111,670 651
Natural Gas:	106,284	0	75,088 1
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bean		
Mailing Address:	11013 Beaumont Highway	11013 Beaumont Highway	
Phone Number:		713-671-1550	
Fax Number:			

* Italicized indicates values estimated by EPA.



Mesquite Sanitary Landfill			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Allied Waste Industries, Inc.	Annual Acceptance Rate (tons):	244,373	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Dallas	Acres Currently Landfilled (acres):		
County:	Dallas	Average Depth (feet):		
State:	TX	1998 Waste-in-Place (tons):	4,692,025	
Year Open:	1977	1998 Waste-in-Place (tons):	4,692,025	
Year Closed:	2076			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.62		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		51	
Current Capacity:				
Planned Capacity:				
Utilities in County: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,355		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	196,459		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	40,253	254	28,172	256
Fuel Oil:	33,038	213	23,122	135
Natural Gas:	22,215	0	15,548	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Billy Nova	Kim A Mote		
Mailing Address:	11340 CF Hawn Freeway	11340 CF Hawn Freeway		
Phone Number:	972-286-1266	972-286-1266		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

47



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	North Texas Municipal Water District	Annual Acceptance Rate (tons):	15,265
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Plano	Acres Currently Landfilled (acres):	
County:	Collin	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	6,064,067
Year Open:	1975	1998 Waste-in-Place (tons):	6,064,067
Year Closed:	2001		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.97
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		
Current Capacity:			
Planned Capacity:			

Utilities in County: Cap Rock Electric Coop Inc; Denton County Elec Coop Inc; Fannin County Electric Coop; Farmersvil

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential		Current	
Methane Reduction (tons/yr):		11,384		0
CO2 Equivalent of CH4 Reduction (tons/yr):		239,066		0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	48,935	309	34,282	312
Fuel Oil:	40,164	259	28,137	164
Natural Gas:	27,007	0	18,920	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		David H Canup
Mailing Address:	P.O. Box 2408	P.O. Box 2408
Phone Number:	214-442-5404	214-442-5405
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

48



Pine Hill LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Allied Waste Industries, Inc.	Annual Acceptance Rate (tons):	246,172
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	9,000,000
City:	Longview	Acres Currently Landfilled (acres):	69
County:	Gregg	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	11,250,000
Year Open:	1982	1998 Waste-in-Place (tons):	11,250,000
Year Closed:	2010		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		3.30	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	10		103
Current Capacity:			
Planned Capacity:			
Utilities in County: Gulf States Utilities Company; Liberty Muni Electric Sys; Rusk County Electric Coop Inc; Sam Hous			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	19,053		0
CO2 Equivalent of CH4 Reduction (tons/yr):	400,113		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	81,295	514	57,376 522
Fuel Oil:	66,724	430	47,091 274
Natural Gas:	44,866	0	31,665 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Victor Crane	Wess Harwell	
Mailing Address:	P.O. Box 130702	P.O. Box 130702	
Phone Number:	512-566-5024	903-984-3922	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Royal Oaks			Landfill Category: Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Jacksonville	Annual Acceptance Rate (tons):	73,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	144
County:	Cherokee	Average Depth (feet):	100
State:	TX	1998 Waste-in-Place (tons):	720,000
Year Open:	1983	1998 Waste-in-Place (tons):	720,000
Year Closed:	2030		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.25	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Western Lithotec (Printing)		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		8
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		Current
Methane Reduction (tons/yr):	1,471		0
CO2 Equivalent of CH4 Reduction (tons/yr):	30,893		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i> <i>SO2 (tons/yr)</i>
Coal:	6,314	40	4,430 40
Fuel Oil:	5,182	33	3,636 21
Natural Gas:	3,485	0	2,445 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Mike Estes	Eric Meed	
Mailing Address:		Heath Lane	
Phone Number:		(903) 984-8621	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

50



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Waste Management of TX	Annual Acceptance Rate (tons):	225,555
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Baytown	Acres Currently Landfilled (acres):	260
County:	Chambers	Average Depth (feet):	40
State:	TX	1998 Waste-in-Place (tons):	5,142,461
Year Open:	1983	1998 Waste-in-Place (tons):	5,142,461
Year Closed:	2013		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.73
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Texas Utilities		
Natural Gas Provider(s):			
Energy Purchaser(s):	Industrial Park		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		54
Current Capacity:			
Planned Capacity:			

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	10,021	0
CO2 Equivalent of CH4 Reduction (tons/yr):	210,447	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	42,621 269	30,178 275
Fuel Oil:	34,981 225	24,769 144
Natural Gas:	23,522 0	16,655 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Diana Henk, Compliance Manager	Diana Henk
Mailing Address:	3623 Wilson Road	3623 Wilson Road
Phone Number:	281-922-0012	281-922-0012
Fax Number:		

* Italicized indicates values estimated by EPA.

December 5, 1998

State: TX

Page:

51



Skyline LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	200,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	104,000,000
City:	Ferris	Acres Currently Landfilled (acres):	363
County:	Ellis	Average Depth (feet):	130
State:	TX	1998 Waste-in-Place (tons):	28,200,000
Year Open:	1987	1998 Waste-in-Place (tons):	28,200,000
Year Closed:	2040		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		7.63	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Local Pipeline near LF		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	24		239
Current Capacity:			
Planned Capacity:	20.8		0
Utilities in County: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	44,119		0
CO2 Equivalent of CH4 Reduction (tons/yr):	926,491		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	187,848	1,187	132,857 1,209
Fuel Oil:	154,177	992	109,043 636
Natural Gas:	103,671	0	73,322 1
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Niel Mohr	John Bernat, Site Manager	
Mailing Address:	1320 Greenway Drive Suite 900	1201 N. Central	
Phone Number:	214-550-1774	972-842-5710	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Southwest LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	300,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Amarillo LF	Design Capacity (tons):	
City:	Canyon	Acres Currently Landfilled (acres):	100
County:	Randall	Average Depth (feet):	90
State:	TX	1998 Waste-in-Place (tons):	2,760,000
Year Open:	1987	1998 Waste-in-Place (tons):	2,760,000
Year Closed:	2025		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.12	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		35
Current Capacity:			
Planned Capacity:			
Utilities in County:			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,498		0
CO2 Equivalent of CH4 Reduction (tons/yr):	136,460		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	27,625	175	19,568 178
Fuel Oil:	22,673	146	16,061 94
Natural Gas:	15,246	0	10,799 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bean	Mark Severtson	
Mailing Address:	757 N. Eldridge PO Box 3151		
Phone Number:	281-870-7450	972-225-0952	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Sprint Fort Bend County	Annual Acceptance Rate (tons):	169,406
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Houston	Acres Currently Landfilled (acres):	
County:	Fort Bend	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	1,664,372
Year Open:	1981	1998 Waste-in-Place (tons):	1,664,372
Year Closed:	2020		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.84
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Houston Light & Power		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		
Current Capacity:			
Planned Capacity:			

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	4,878	0
CO2 Equivalent of CH4 Reduction (tons/yr):	102,436	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521 130	14,689 134
Fuel Oil:	16,843 108	12,056 70
Natural Gas:	11,325 0	8,107 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Donald Poarch	Donald L Poarch
Mailing Address:	1041 Conrad Sauer	1041 Conrad Sauer
Phone Number:	713-984-1473	713-984-1473
Fax Number:		

* Italicized indicates values estimated by EPA.

December 5, 1998

State: TX

Page:

54



Sprint LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Laidlaw Waste Systems Inc.	Annual Acceptance Rate (tons):	171,600
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:	Sprint Waste Disposal Company LF	Design Capacity (tons):	
City:	Sugarland	Acres Currently Landfilled (acres):	
County:	Harris	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	1,716,000
Year Open:	1987	1998 Waste-in-Place (tons):	2,059,200
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.94	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		30
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Houston Lighting & Power Co; Southwestern Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,462		0
CO2 Equivalent of CH4 Reduction (tons/yr):	114,698		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	23,678	150	16,447 150
Fuel Oil:	19,434	125	13,499 79
Natural Gas:	13,068	0	9,077 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Jill Swinbank	Jill Swinbank	
Mailing Address:	1123 Lumpkin Road PO Box 19129 (77224)	1123 Lumpkin Road PO Box 19129 (77224)	
Phone Number:	713-467-3433	713-467-3433	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Sunset Farms-Austin LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	533,097
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	BFI/Austin LF	Design Capacity (tons):	
City:	Austin	Acres Currently Landfilled (acres):	276
County:	Travis	Average Depth (feet):	15
State:	TX	1998 Waste-in-Place (tons):	2,845,301
Year Open:	1981	1998 Waste-in-Place (tons):	2,845,301
Year Closed:	2031		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.15	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1996		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		36
Current Capacity:	3.0		
Planned Capacity:			
Utilities in County: Austin Electric Dept; Bluebonnet Electric Coop Inc; Fayette Electric Coop Inc; Pedernales Electric Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,624		0
CO2 Equivalent of CH4 Reduction (tons/yr):	139,108		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	28,414	180	19,948 182
Fuel Oil:	23,321	150	16,372 95
Natural Gas:	15,681	0	11,009 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bean	Richard Coon	
Mailing Address:	8900 Shoal Creek Boulevard Suite 306	P.O. Box 820 3424 FM 973	
Phone Number:		713-675-6101	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

Tescacita RDF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Waste Management	Annual Acceptance Rate (tons):	703,377
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Houston	Acres Currently Landfilled (acres):	
County:	Harris	Average Depth (feet):	
State:	TX	1998 Waste-in-Place (tons):	6,049,524
Year Open:	1981	1998 Waste-in-Place (tons):	6,049,524
Year Closed:	2025		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.97	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		61
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,363		0
CO2 Equivalent of CH4 Reduction (tons/yr):	238,615		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	48,146	304	34,217 311
Fuel Oil:	39,516	254	28,084 164
Natural Gas:	26,571	0	18,884 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		B Jeffrey Hobby	
Mailing Address:			
Phone Number:		281-446-6545	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

Tessman Road LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	1,500,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	San Antonio	Acres Currently Landfilled (acres):	265
County:	Bexar	Average Depth (feet):	95
State:	TX	1998 Waste-in-Place (tons):	9,337,518
Year Open:	1981	1998 Waste-in-Place (tons):	9,337,518
Year Closed:	2005		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.81	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):		1.8	
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		88
Current Capacity:			
Planned Capacity:			38
Utilities in County: Bandera Electric Coop Inc; Karnes Electric Coop Inc; Nueces Electric Coop Inc; Pedernales Electric C			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	16,225		6,938
CO2 Equivalent of CH4 Reduction (tons/yr):	340,723		145,696
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	69,456	439	48,859 445
Fuel Oil:	57,007	367	40,101 234
Natural Gas:	38,332	0	26,965 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Bean	Kirk Burton	
Mailing Address:	757 N. Eldridge PO Box 3151		
Phone Number:	281-870-7450	210-661-4104	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Texas Disposal Systems LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Texas Disposal Systems	Annual Acceptance Rate (tons):	447,559	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:	Creedmoore LF	Design Capacity (tons):	4,800,000	
City:	Creedmoor	Acres Currently Landfilled (acres):		
County:	Travis	Average Depth (feet):		
State:	TX	1998 Waste-in-Place (tons):	2,043,245	
Year Open:	1990	1998 Waste-in-Place (tons):	2,043,245	
Year Closed:	2050			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.94		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:		Unknown		
Utilization System Type:		Unknown		
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		29	
Current Capacity:				
Planned Capacity:				
Utilities in County: Austin Electric Dept; Bluebonnet Electric Coop Inc; Fayette Electric Coop Inc; Pedernales Electric Co				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,438		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	114,202		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
Coal:	22,889	145	16,376	149
Fuel Oil:	18,786	121	13,441	78
Natural Gas:	12,632	0	9,038	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Robert Gregory	Dennis L Hobbs		
Mailing Address:	P.O. Box 17126	P.O. Box 17126		
Phone Number:	512-243-0400	512-243-4100		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Tricil Environmental Response/Altair SLF			Landfill Category: Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Safety Clean (formerly Laidlaw)	Annual Acceptance Rate (tons):	60,357
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	1,600,000
City:	Altair	Acres Currently Landfilled (acres):	157
County:	Colorado	Average Depth (feet):	22.5
State:	TX	1998 Waste-in-Place (tons):	1,841,556
Year Open:	1976	1998 Waste-in-Place (tons):	1,841,556
Year Closed:	2002		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.89	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Bluebonnet Electric Coop Inc; Central Power & Light Company; Fayette Electric Coop Inc; Houston L			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		Current
Methane Reduction (tons/yr):	5,140		0
CO2 Equivalent of CH4 Reduction (tons/yr):	107,938		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>
<i>Coal:</i>	22,100	140	15,478
<i>Fuel Oil:</i>	18,139	117	12,704
<i>Natural Gas:</i>	12,197	0	8,542
			141
			74
			0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Jerry Correl	Tammy Brasher	
Mailing Address:		500 Battleground Road	
Phone Number:		409-234-5749	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



WMI/Atascocita LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Waste Management of Texas, Incorporated	Annual Acceptance Rate (tons):	286,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Houston	Acres Currently Landfilled (acres):	
County:	Harris	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	858,000
Year Open:	1994	1998 Waste-in-Place (tons):	1,430,000
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.78	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		25
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,531		0
CO2 Equivalent of CH4 Reduction (tons/yr):	95,157		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,943	120	13,645 124
Fuel Oil:	15,547	100	11,200 65
Natural Gas:	10,454	0	7,531 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:			
Mailing Address:	1320 Greenway Drive Suite 1000	1320 Greenway Drive Suite 1000	
Phone Number:		214-550-1774	
Fax Number:			

* Italicized indicates values estimated by EPA.



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Waste Management of Texas, Incorporated	Annual Acceptance Rate (tons):	286,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Alvin	Acres Currently Landfilled (acres):	
County:	Galveston	Average Depth (feet):	
State:	TX	Waste-in-Place (tons):	858,000
Year Open:	1994	1998 Waste-in-Place (tons):	1,430,000
Year Closed:	2001		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.78
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:	
Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	
Capacity:	Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2
Current Capacity:	25
Planned Capacity:	

Utilities in County: Gulf States Utilities Company; Houston Lighting & Power Co; Southwestern Power Admin; Texas-N

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	4,531	0
CO2 Equivalent of CH4 Reduction (tons/yr):	95,157	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,943 120	13,645 124
Fuel Oil:	15,547 100	11,200 65
Natural Gas:	10,454 0	7,531 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	1320 Greenway Drive Suite 1000	1320 Greenway Drive Suite 1000
Phone Number:		
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: TX

Page:

62



Whispering Pines LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	261,202	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Houston	Acres Currently Landfilled (acres):	170	
County:	Harris	Average Depth (feet):	60	
State:	TX	1998 Waste-in-Place (tons):	6,005,991	
Year Open:	1978	1998 Waste-in-Place (tons):	6,005,991	
Year Closed:	2017			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.95		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	6		61	
Current Capacity:				
Planned Capacity:				
Utilities in County: Central Power & Light Company; Dickens Electric Coop Inc; Houston County Elec Coop Inc; Housto				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	11,298		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	237,262		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	48,146	304	34,023	310
Fuel Oil:	39,516	254	27,925	163
Natural Gas:	26,571	0	18,777	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	John Bean	Richard Coon		
Mailing Address:	757 N. Eldridge PO Box 3151			
Phone Number:	281-870-7450	713-675-6101		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Wichita Falls SLF		Landfill Category: Candidate
A. GENERAL LANDFILL INFORMATION		
Landfill Owner:	City of Wichita	Annual Acceptance Rate (tons): 150,680
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported: 1998
Alternative Landfill Name:		Design Capacity (tons):
City:	Wichita Falls	Acres Currently Landfilled (acres): 300
County:	Wichita	Average Depth (feet): 40
State:	TX	1998 Waste-in-Place (tons): 3,495,847
Year Open:	1982	1998 Waste-in-Place (tons): 3,495,847
Year Closed:	2021	
B. LANDFILL GAS COLLECTION		
Estimated Methane Generation (mmscf/d):		1.31
LFG Collection System Status:		
Current LFG Collected (mmscf/d):		
Collection and Treatment System Required Under NSPS/EG:		No
C. LANDFILL GAS UTILIZATION		
Current Utilization:		
Utilization System Status:	Unknown	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):		
Natural Gas Provider(s):		
Energy Purchaser(s):	Certainteed Vertrotec	
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4	41
Current Capacity:		
Planned Capacity:		
Utilities in County:		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION		
	<i>Potential</i>	<i>Current</i>
Methane Reduction (tons/yr):	7,586	0
CO2 Equivalent of CH4 Reduction (tons/yr):	159,312	0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	32,360 205	22,845 208
Fuel Oil:	26,560 171	18,750 109
Natural Gas:	17,859 0	12,608 0
E. CONTACT INFORMATION		
Landfill Owner		Landfill Operator
Contact Name:	Sid McCaskel, Supervisor	Sid McCaskel
Mailing Address:	PO Box 1431	10984 Wiley Road
Phone Number:		940-438-2926
Fax Number:		

* *Italicized indicates values estimated by EPA.*

